

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 11 March 2005 (11.03.2005)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLN. NO. (if known): 10/527438 Not Yet Assigned
INTERNATIONAL APPLICATION NO.: PCT/KR2003/001820	INTERNATIONAL FILING DATE: 4 September 2003 (04.09.2003)	PRIORITY DATE CLAIMED: 13 September 2002 (13.09.2002) KR
TITLE OF INVENTION: METHOD FOR SCREENING OF A LIPASE HAVING IMPROVED ENZYMATIC ACTIVITY USING YEAST SURFACE DISPLAY VECTOR AND THE LIPASE		
APPLICANT(S) FOR DO/EO/US: CHOI, Eui-Sung; SOHN, Jung-Hoon; KIM, So-Young		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The U.S. has been elected.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) as provided in the PCT Request.</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p> <p>TRANSMITTAL FORM; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 2004/024954 A1 WITH INTERNATIONAL PUBLICATION DATE OF 25 MARCH 2004 WITH SEARCH REPORT, WHICH CONSISTS OF 79 PAGES INCLUDING 2 PAGES OF COVER SHEET; 44 PAGES TEXTUAL SPECIFICATION, 2 PAGES RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT, 7 PAGES OF 33 CLAIMS, 7 SHEETS OF DRAWINGS, 17 PAGE SEQUENCE LISTING; PRELIMINARY AMENDMENT WITH ATTACHMENT A TO BE EXAMINED; EXECUTED INVENTOR'S DECLARATION; ASSIGNMENT AND RECORDATION COVER SHEET; INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 WITH 10 REFERENCES AND COPIES OF 10 REFERENCES; FORM PCT/IPEA/409 & 416 INTERNATIONAL PRELIMINARY EXAMINATION REPORT.</p>		

U.S. APPLICATION NO. (if known) not yet assigned 10/527 438	INTERNATIONAL APPLICATION NO. PCT/KR2003/001820	DATE: 11 March 2005 (11.03.2005)
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21. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): Examination Fee, Search Fee, and Filing Fee ENTER APPROPRIATE BASIC FEE AMOUNT =	<u>CALCULATIONS</u> \$ 1,000.00 \$ 1,000.00	<u>PTO USE ONLY</u>
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Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$	
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CLAIMS	NO. FILED	NO. EXTRA	RATE		
TOTAL	33 -20=	13	X \$ 50.00	\$	650.00
INDEPENDENT	1 - 3 =	0	X \$ 200.00	\$	0.00
Multiple dependent claims(s) (if applicable)			+ \$280.00	\$	0.00
TOTAL OF ABOVE CALCULATIONS =				\$	1,650.00
Reduction by 2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).				\$	825.00
SUBTOTAL =				\$	825.00
Processing fee of \$130.00 for furnishing the English translation later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	0.00
TOTAL NATIONAL FEE =				\$	825.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	40.00
TOTAL FEES ENCLOSED =				\$	865.00
				Amount to be:	
				refunded	\$
				charged	\$

ATTORNEY'S DOCKET NO: 26666U

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a. ☒ Two checks in the amounts of \$ 825.00 and \$ 40.00 to cover the above fees are enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ _____ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 14-0112.

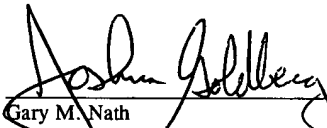
d. Fees are to be charged to a credit card ☐ WARNING: Information on this form may become public ☐ Credit Card Information should not be included on this form. ☐ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

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10/527438

MAIL STOP PCT

Attorney Pocket No. 26666U

DT15 Rec'd PCT/PTO 11 MAR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

CHOI et al.

International Application No. PCT/KR2003/001820

Serial No. NOT YET ASSIGNED

International Filing Date: 4 September 2003 (04.09.2003)

Filed: March 11, 2005

For: **METHOD FOR SCREENING OF A LIPASE HAVING IMPROVED ENZYMATIC ACTIVITY USING YEAST SURFACE DISPLAY VECTOR AND THE LIPASE**TRANSMITTAL LETTERCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

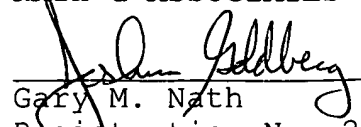
Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
- (3) International Publication No: WO 2004/024954 A1; International Publication Date: 25 March 2004 (25.03.2004) with International Search Report, which consists of 79 pages including:
 - 2 pages of cover sheet,
 - 44 pages Textual Specification,
 - 2 pages of Receipt in the Case of an Original Deposit,
 - 7 pages of 33 claims,
 - 7 pages of drawings
 - 17 page Sequence Listing;
- (4) **Preliminary Amendment with Attachment A to be examined;**
- (5) Executed Inventor's Declaration;
- (6) Assignment and Recordation Cover Sheet;
- (7) Information Disclosure Statement;
- (8) PTO Form 1449 with 10 references;
- (9) Copies of 10 references;
- (10) Form PCT/IPEA/409 & 416 International Preliminary Examination Report;
- (11) Check No. 22744 \$ 825.00 for Filing Fee, Examination Fee, Search fee and additional claims fees;
- (12) Check No. 22745 \$ 40.00 for Recordation Fee;
- (13) Postcard for early notification of serial number.

Respectfully submitted,
NATH & ASSOCIATES PLLC

By:


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